


Substitute for form 1449 A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/649,413
		Filing Date	August 26, 2000
		First Named Inventor	Mathur, Vijay K.
		Art Unit	1731
		Examiner Name	Chin, P.
		Attorney Docket Number	GR1-2790-U
Sheet: 1 of 5			

U.S. PATENT DOCUMENTS					
EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number Kind Code ²	Publication Date MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
		1,574,363	02/23/1926	Calvert	
		1,851,413	03/29/1932	Thomson	
		1,942,989	01/09/1934	Thomson	
		2,204,113	06/11/1940	Allen	
		2,215,891	09/24/1940	Thomson et al	
		2,215,892	09/24/1940	Thompson, et al	
		2,534,303	12/19/1950	Serinis	
		2,547,127	04/03/1951	Kalousek	
		2,665,996	01/23/1954	Kalousek	
		2,786,757	03/26/1957	Taylor	
		2,786,758	03/26/1957	Taylor	
		2,888,377	05/26/1959	Allen	
		2,935,437	05/03/1960	Taylor	
		2,943,970	07/05/1960	Allen	
		2,995,422	08/08/1961	Atkinson, et al	
		3,033,648	05/08/1962	Vander Linden	
		3,034,913	05/15/1962	Gosta	
		3,052,563	09/04/1962	Vanderlinden	
		3,131,024	04/28/1964	Leineweber	
		3,190,789	06/22/1965	Taylor	
		3,257,220	06/21/1966	Kalousek, et al	
		3,264,130	08/02/1966	Mays	

1/10/03
CLASS
RECEIVED
JUN 24 2003
TECHNOLOGY CENTER 1700

EXAMINER SIGNATURE		DATE CONSIDERED	7/2003
-----------------------	---	--------------------	--------

EXAMINER*: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
³ Enter Office that issued the document, by the two letter code. ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. ⁶ Applicant is to place a check mark here if English language translation is attached.

SEND COMPLETED FORMS TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449 A/PTO

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	09/649,413
Filing Date	August 26, 2000
First Named Inventor	Mathur, Vijay K.
Art Unit	1731
Examiner Name	Chin, P.
Attorney Docket Number	GR1-2790-U

Sheet: 2 of 5**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number Kind Code ²	Publication Date MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	CLASS	SUB CLASS
<i>W</i>		3,352,746	11/14/1967	Williams		/	/
		3,597,253	08/03/1971	Beschke, et al		/	/
		3,660,021	05/02/1972	Olmsted, et al		/	/
		3,679,446	07/25/1972	Kubo		/	/
		3,804,652	04/16/1974	Laidlier, et al		/	/
		3,806,585	04/23/1974	Takahashi, et al		/	/
		3,816,149	06/11/1974	Zettel		/	/
		3,835,216	09/10/1974	Almagro, et al		/	/
		3,928,539	1/23/1975	Satoh, et al		/	/
		3,998,650	12/21/1976	Schmitt-Henco, et al		/	/
		4,026,721	05/31/1977	Kurrie		/	/
		4,072,537	02/07/1978	Kurrie		/	/
		4,117,191	09/26/1978	Kurrie		/	/
		4,118,227	10/03/1978	Shiohara, et al		/	/
		4,124,439	11/07/1978	Dessauer		/	/
		4,162,924	07/31/1979	Kubo, et al		/	/
		4,181,567	01/01/1980	Riddel, et al		/	/
		4,243,429	01/06/1981	Tamura, et al		/	/
		4,260,454	04/07/1981	Wason, et al		/	/
		4,277,457	07/07/1981	Taga, et al		/	/
<i>h</i>		4,294,810	10/13/1981			/	/
		4,298,386	11/03/1981	Kubo, et al		/	/

EXAMINER SIGNATURE	<i>P. Chin</i>	DATE CONSIDERED	7/03
-----------------------	----------------	--------------------	------

EXAMINER*: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two letter code. ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. ⁶ Applicant is to place a check mark here if English language translation is attached.

SEND COMPLETED FORMS TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

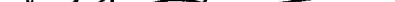
Application Number	09/649,413
Filing Date	August 26, 2000
First Named Inventor	Mathur, Vijay K.
Art Unit	1731
Examiner Name	Chin, P.
Attorney Docket Number	GR1-2790-U

Sheet: 3 of 5

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number Kind Code ²	Publication Date MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
2					

4,330,519	05/18/1982	Takahashi, et al	
4,402,892	09/06/1983	Helser	
4,422,880	12/27/1983	Wason, et al	
4,432,804	02/21/1984	Tamura, et al	
4,529,508	07/16/1985	Cain, Jr. et al	
4,545,970	10/08/1985	Krijgsman	
4,557,916	12/10/1985	Withiam	
4,629,508	12/16/1986	Cain, Jr. et al	
4,668,300	05/26/1987	Miller	
4,780,180	10/25/1988	Take et al	
4,812,299	03/14/1989	Wason	
4,853,351	08/01/1989	Takashaski, et al	
4,965,452	10/23/1990	Sturm	
5,098,520	03/24/1992	Begala	
5,127,995	07/07/1992	Wason	
5,279,663	01/18/1994	Kaliski	
5,344,487	09/06/1994	Whalen-Shaw	
5,352,287	10/04/1994	Wason, et al	
5,370,852	12/06/1994	Ikawa, et al	
5,591,256	01/07/1997	Freeman, et al	
5,750,038	05/12/1998	Tsunematsu, et al	
5,814,143	09/29/1998	Freeman, et al	
5,916,420	06/29/1999	Wurster, et al	

RECEIVED
MAR 24 1993
TECHNOLOGY CENTER 1700

EXAMINER SIGNATURE		DATE CONSIDERED	7/03
-----------------------	---	--------------------	------

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor

must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. ⁶ Applicant is to place a check mark here if English language translation is attached.

SEND COMPLETED FORMS TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449 A/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet: 4 of 5

Application Number	09/649,413
Filing Date	August 26, 2000
First Named Inventor	Mathur, Vijay K.
Art Unit	1731
Examiner Name	Chin, P.
Attorney Docket Number	GR1-2790-U

U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number Kind Code ²	Publication Date MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
PL		5,989,714	11/23/1999	Drummond	
PL		* 6,030,704	02/29/2000	Wilshaw, et al	
PL		* 20020040773A1	04/11/2002	Matsuda, et al	
PL		* 6,413,373	07/02/2002	Matsuda, et al	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	FOREIGN PATENT DOCUMENT Office ³ Number ⁴ Kind ⁵	Publication Date MM-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
		566,191	11/1958	Canada	
PL		601,124	07/1960	Canada	
PL		601,158	07/1960	Canada	
→ PL		653797	12/1962	Canada	
		▶ 656411	01/1963	Canada	
PL		666992	07/1963	Canada	
PL		712,964	07/1965	Canada	
PL		712965	07/1965	Canada	
PL		2516097	12/1975	Germany	
PL		991826	06/1976	Canada	
PL		1129575	08/1982	Canada	
		▶ WO 8402727	07/1984	WIPO	
PL		DE 3306528 A1	07/1984	Germany	
		DE 3625254 A1	01/1987	Germany	

EXAMINER SIGNATURE

[Signature]

DATE CONSIDERED

7/03

EXAMINER*: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

▶ Previously cited by the Examiner in Office Action dated November 25, 2002 (prior art not attached).

* The above documents as disclosed, based on date of publication, is not prior art to the applicant. Such publication is merely offered for consideration with respect to the state of development of the art, and shall in no way be considered as an admission against interest in any manner.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
³ Enter Office that issued the document, by the two letter code. ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. ⁶ Applicant is to place a check mark here if English language translation is attached.


Complete if Known

Application Number	09/649,413
Filing Date	August 26, 2000
First Named Inventor	Mathur, Vijay K.
Art Unit	1731
Examiner Name	Chin, P.
Attorney Docket Number	GR1-2790-U

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

RECEIVED
JAN 24 2003
TECHNOLOGY CENTER 1700

EXAMINER SIGNATURE		DATE CONSIDERED	7/03
-----------------------	---	--------------------	------

SEND COMPLETED FORMS TO: Assistant Commissioner for Patents, Washington, D.C. 20231.